


```

Db      181 ATCAGAGCTCTCCACCCGTAACGCTGGCGCGAAGTGGAGTGTGCGGAAACCAAG 240
Oy      241 AGCTGTATGTTCTATGATGATGCTGTAAGAAACGAGACCTGTACACAAAGTTCAAGGAG 300
Db      241 AGCTGTATGTTCTATGATGATGCTGTAAGAAACGAGACCTGTACAAAGTTCAAGGAG 300
Oy      301 GCGTGGGAGGAGTTCTCCAGCTCAAGTCCCCCTGGGTGGAGTCCGAAATACCTGGAAT 360
Db      301 GCGTGGGAGGAGTTCTCCAGCTCAAGTCCCCCTGGGTGGAGTCCGAAATACCTGGAAT 360
Oy      361 ACCCTTTTGAATGAGAGCCGAGCCGACCTGTCTGTGTCTGACCCGAGCGAGAGATCC 420
Db      361 ACCCTTTTGAATGAGAGCCGAGCCGACCTGTCTGTGTCTGACCCGAGCGAGAGATCC 420
Oy      421 TGAATGCCAATGCAAGTACAGAGTGGCCCCCTGACATGCCCCCACTGGATCTGAATG 480
Db      421 TGAATGCCAATGCAAGTACAGAGTGGCCCCCTGACATGCCCCCACTGGATCTGAATG 480
Oy      481 AGGTGGCATTTCTGGAAGAGAGGGGGCCGGAACCAAGCCTTAATTCAGTCACTCCCATG 540
Db      481 AGGTGGCATTTCTGGAAGAGAGGGGGCCGGAACCAAGCCTTAATTCAGTCACTCCCATG 540
Oy      541 GCCAGCAGCTCCAGATCACTCTCAGCGACAGCTGCAGCGAACCACTGCTCAGTCCA 600
Db      541 GCCAGCAGCTCCAGATCACTCTCAGCGACAGCTGCAGCGAACCACTGCTCAGTCCA 600
Oy      601 GAACCACTTACACCTTTCAGTGTCCGAAATACAGCAAGTTCTTAAGCCCACTGCTCT 660
Db      601 GAACCACTTACACCTTTCAGTGTCCGAAATACAGCAAGTTCTTAAGCCCACTGCTCT 660
Oy      661 TGTGTAGGTCCAGAGACGAACTGGGCTTTCCTGTGTGTGTCATCGCTTGTATATCG 720
Db      661 TGTGTAGGTCCAGAGACGAACTGGGCTTTCCTGTGTGTGTCATCGCTTGTATATCG 720
Oy      721 TGTGTATATTCGCGCAAGGGGTGTATCTGGAAGACCTCTATGGGAAACCCCTGATTC 780
Db      721 TGTGTATATTCGCGCAAGGGGTGTATCTGGAAGACCTCTATGGGAAACCCCTGATTC 780
Oy      781 AGCGGCAAAAGATGCAAGCGGCTCTGAGCTTCTGGAACACACACCTGTGTGCAACT 840
Db      781 AGCGGCAAAAGATGCAAGCGGCTCTGAGCTTCTGGAACACACACCTGTGTGCAACT 840
Oy      841 TTCAAGCCAGCAGACCAAGTCCGTGAATGATCTGTCTGTCTGTCTGTCTGTCTGTCT 900
Db      841 TTCAAGCCAGCAGACCAAGTCCGTGAATGATCTGTCTGTCTGTCTGTCTGTCTGTCT 900
Oy      901 CCAGAGGGGTCAAGCCGACGCTTGAAGTCAAGGCTCCAGCCCAACCAAGATGAG 960
Db      901 CCAGAGGGGTCAAGCCGACGCTTGAAGTCAAGGCTCCAGCCCAACCAAGATGAG 960
Oy      961 AGAAGGACCTTGCAGAGACGAAGAGAGAGAGATGAGAGACAGAAAGATGGCGTCA 1020
Db      961 AGAAGGACCTTGCAGAGACGAAGAGAGAGAGATGAGAGACAGAAAGATGGCGTCA 1020
Oy      1021 GCTTCCAGCCCTACATTTGAACACACTCTTCTGTGGGGAGAGAGACAGAGCTCAAGGC 1080
Db      1021 GCTTCCAGCCCTACATTTGAACACACTCTTCTGTGGGGAGAGAGACAGAGCTCAAGGC 1080
Oy      1081 ACTCGAGGCTGTGGGTGGAGCTCAGAGAGGCGCAAGGCTCTCTGTGCTCCAGAGGAG 1140
Db      1081 ACTCGAGGCTGTGGGTGGAGCTCAGAGAGGCGCAAGGCTCTCTGTGCTCCAGAGGAG 1140
Oy      1141 GCTCTCTGTGGGATTTCTTCAAGAGAGAGCTGGGCGAGAGCTGTGAGACTCTCTCTG 1200
Db      1141 GCTCTCTGTGGGATTTCTTCAAGAGAGAGCTGGGCGAGAGCTGTGAGACTCTCTCTG 1200
Oy      1201 ACAGGGCTGGTCTCTGTGCTAATTTGCTGAGAGAGGGGCGAGGCGAGGCTGGGG 1260
Db      1201 ACAGGGCTGGTCTCTGTGCTAATTTGCTGAGAGAGGGGCGAGGCGAGGCTGGGG 1260
Oy      1261 ATGGGACCAAGATCTCTCCACACAGTGAATTTCTCCAGAGACTGGGTTTCTGTGAAG 1320
Db      1261 ATGGGACCAAGATCTCTCCACACAGTGAATTTCTCCAGAGACTGGGTTTCTGTGAAG 1320

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Oy      1321 AGTCCAGAGATTAACCTCTCTCTGGGCACTGGGGCACTTACCAACCGAGCGA 1380
Db      1321 AGTCCAGAGATTAACCTCTCTCTGGGCACTGGGGCACTTACCAACCGAGCGA 1380
Oy      1381 ATCTGTCCCTGGGGAGACCCCGAGTTCTCTTCAAGACATGACCTTCTGTGGGAAAGCA 1440
Db      1381 ATCTGTCCCTGGGGAGACCCCGAGTTCTCTTCAAGACATGACCTTCTGTGGGAAAGCA 1440
Oy      1441 GCCCTGAGAGAGAGAGGCGAGGAGATGAGAAATTTGAGACAGCATGCGGGAGCT 1500
Db      1441 GCCCTGAGAGAGAGAGGCGAGGAGATGAGAAATTTGAGACAGCATGCGGGAGCT 1500
Oy      1501 GGGGGGCTGAGAGACCCAGAGAGACCGAGAGCAGGGGCGGACATTGGGCAATTACATG 1560
Db      1501 GGGGGGCTGAGAGACCCAGAGAGACCGAGAGCAGGGGCGGACATTGGGCAATTACATG 1560
Oy      1561 CCAGGTAGCTGTCTCCGACATCCCAACCAATCTGATG 1599
Db      1561 CCAGGTAGCTGTCTCCGACATCCCAACCAATCTGATG 1599

RESULT 2
US-09-995-898A-18
/ Sequence 18, Application US/0995898A
/ Publication No. US2003027253A1
/ GENERAL INFORMATION:
/ APPLICANT: Preshnell, Scott R.
/ APPLICANT: Xu, Wenteng
/ APPLICANT: No. US2003027253A1ak, Julia E.
/ APPLICANT: Whitmore, Theodore E.
/ APPLICANT: Grant, Francis J.
/ TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
/ FILE REFERENCE: 00-108
/ CURRENT APPLICATION NUMBER: US/09/995,898A
/ CURRENT FILING DATE: 2001-11-28
/ PRIOR APPLICATION NUMBER: US 60/253,561
/ PRIOR FILING DATE: 2000-11-28
/ PRIOR APPLICATION NUMBER: US 60/267,211
/ PRIOR FILING DATE: 2001-02-07
/ NUMBER OF SEQ ID NOS: 50
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 18
/ LENGTH: 1563
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: CDS
/ LOCATION: (1)...(1563)
US-09-995-898A-18

Query Match      96.9%; Score 1549.4; DB 11; Length 1563;
Best Local Similarity 99.9%; Pred. No. 0;
Matches 1561; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

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Db 181 AGCTTCCACCCGTTAGACGGTGGCGGAAAGTGGAGATGTGCGGAGACCAAGAGCTG 240
QY 246 CTATGTTCTATGATGCTCTGTAAGAAACAGAGACTGTATCAACAATTCAAGGGACGGCTG 305
Db 241 CTATGTTCTATGATGCTCTGTAAGAAACAGAGACTGTATCAACAATTCAAGGGACGGCTG 300
QY 306 CGAGACGGTTCCTCCAGCTCCAGAGTCCCTGGGTGAGATCCGAATACCTGATTAACCTT 365
Db 301 CGAGACGGTTCCTCCAGCTCCAGAGTCCCTGGGTGAGATCCGAATACCTGATTAACCTT 360
QY 366 TTGGAAGTGAAGCCGGCCCACTGTCTGTGTTCTCAACCAAGAGAGAAATCTGAGCT 425
Db 361 TTGGAAGTGAAGCCGGCCCACTGTCTGTGTTCTCAACCAAGAGAGAAATCTGAGCT 420
QY 426 GCCAATGCCAGTACCAAGCTGCCCCCTGTGATCCCCCACTGAGATCTGAATAGAGT 485
Db 421 GCCAATGCCAGTACCAAGCTGCCCCCTGTGATCCCCCACTGAGATCTGAATAGAGT 480
QY 486 GCATTCTGGAAGAGAGGGGGCGGAAACAAGACCTATTTCCAGTACATCCCAATGGCCAG 545
Db 481 GCATTCTGGAAGAGAGGGGGCGGAAACAAGACCTATTTCCAGTACATCCCAATGGCCAG 540
QY 546 CCAATCCAGATATCTTCTCAAGCTGCGAGGAAACACACTGCTTCAAGTCCAGAAC 605
Db 541 CCAATCCAGATATCTTCTCAAGCTGCGAGGAAACACACTGCTTCAAGTCCAGAAC 600
QY 606 ATCTACACGTTCAAGTGTCCGAAATACAGCAAGTCTCTAAGCCCAAGCTGCTTGTG 665
Db 601 ATCTACACGTTCAAGTGTCCGAAATACAGCAAGTCTCTAAGCCCAAGCTGCTTGTG 660
QY 666 GAGGTCCCAAGAGCAACTGGGCTTTCTGTGTGCTGCAATGCTTCTGATACCTGTTA 725
Db 661 GAGGTCCCAAGAGCAACTGGGCTTTCTGTGTGCTGCAATGCTTCTGATACCTGTTA 720
QY 726 GTAAATGCCGAGGGGTGTGATCTGGAAGAACCTCATGGGAAACCTGAGTTTCAAGCG 785
Db 721 GTAAATGCCGAGGGGTGTGATCTGGAAGAACCTCATGGGAAACCTGAGTTTCAAGCG 780
QY 786 GCAAAATGCCAGGGGCTGGAATTTTCTGGAACAACAACCTGTGAGCACTTTTCAAG 845
Db 781 GCAAAATGCCAGGGGCTGGAATTTTCTGGAACAACAACCTGTGAGCACTTTTCAAG 840
QY 846 CCCAGAGACAGAGTCCGTGAATGACTTGTCTCTGTCCCAAAAGAACTGACCAAG 905
Db 841 CCCAGAGACAGAGTCCGTGAATGACTTGTCTCTGTCCCAAAAGAACTGACCAAG 900
QY 906 GGGGTCAAGGCCGACCGCTCGAGTCAAGGGCCCAAGCCCAACAAGATGGAAGAG 965
Db 901 GGGGTCAAGGCCGACCGCTCGAGTCAAGGGCCCAAGCCCAACAAGATGGAAGAG 960
QY 966 GACCTTGCAGAGAGCAAGAGAGAGAGATGAGAGAGACAAGAGATGAGCTGACGCTT 1025
Db 961 GACCTTGCAGAGAGCAAGAGAGAGAGATGAGAGAGACAAGAGATGAGCTGACGCTT 1020
QY 1026 CAGCCCTAATGAAACAACCTTTCTGTGAGGCAAGAGACAAGAGCTCCAGGCACTG 1085
Db 1021 CAGCCCTAATGAAACAACCTTTCTGTGAGGCAAGAGACAAGAGCTCCAGGCACTG 1080
QY 1086 GAGGCTGTGGGGTGAATCTCAAGAGGCCCAAGGGCTCTCTGTGTTCCAGAGAGCTTC 1145
Db 1081 GAGGCTGTGGGGTGAATCTCAAGAGGCCCAAGGGCTCTCTGTGTTCCAGAGAGCTTC 1140
QY 1146 TCTGCTTGGGATTTCTTCAAGAGAGCTGGGCACTGTGAACTCTCTCTGGGACAAG 1205
Db 1141 TCTGCTTGGGATTTCTTCAAGAGAGCTGGGCACTGTGAACTCTCTCTGGGACAAG 1200
QY 1206 GCTGGGCTCTGTGCTAATTTGGCTGAAGAGGGCCAGAGCCGGGTGGGATGGG 1265
Db 1201 GCTGGGCTCTGTGCTAATTTGGCTGAAGAGGGCCAGAGCCGGGTGGGATGGG 1260
QY 1266 CACCAAGAAATCTTCCCAACAACCTGAATTTCTCAAGAGACTGGGATTTCTTGAAGAGCT 1325
Db 1261 CACCAAGAAATCTTCCCAACAACCTGAATTTCTCAAGAGACTGGGATTTCTTGAAGAGCT 1320

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QY 1326 CCAGAAATTAACCTCTCTCTCTGAGGCACTTGAACCCGAGCCGAATCTG 1385
Db 1321 CCAGAAATTAACCTCTCTCTCTGAGGCACTTGAACCCGAGCCGAATCTG 1380
QY 1386 GTCCCTGGGGAGACCCCAAGTTTCTTCAAGACATGACCTTGTGAGAAAGCAAGCTT 1445
Db 1381 GTCCCTGGGGAGACCCCAAGTTTCTTCAAGACATGACCTTGTGAGAAAGCAAGCTT 1440
QY 1446 GAGAGAGAAAGAGAGCCGAGGAAATCAAAATTTAGAGACAGCAATCCGGCAGCTGGGG 1505
Db 1441 GAGAGAGAAAGAGAGCCGAGGAAATCAAAATTTAGAGACAGCAATCCGGCAGCTGGGG 1500
QY 1506 GCTGAGAGCAACCCAGAGAGCCAGAGACAGGGCCGGAATTTGGGGCAATTAATGACCAG 1565
Db 1501 GCTGAGAGCAACCCAGAGAGCCAGAGACAGGGCCGGAATTTGGGGCAATTAATGACCAG 1560
QY 1566 TGA 1568
Db 1561 TGA 1563

RESULT 4
US-09-995-898A-1
; Sequence 1, Application US/0995898A
; Publication No. US2003027253A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenteng
; APPLICANT: No. US2003027253A1ak, Julia E.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Grant, Francis J.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
; FILE REFERENCE: 00-108
; CURRENT APPLICATION NUMBER: US/09/995,898A
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 60/253,561
; PRIOR FILING DATE: 2001-02-07
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 1476
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)...(1473)
US-09-995-898A-1

Query Match 84.7% Score 1354.2; DB 11; Length 1476;
Best Local Similarity 93.9%; Pred. No. 0;
Matches 1467; Conservative 0; Mismatches 8; Indels 88; Gaps 2;

QY 7 ATGCGGGGGCCCAAGGCTGGGGCCCTGCTCTGTGCTCTGCAAGCCGCTCCAGGG 66
Db 1 ATGCGGGGGCCCAAGGCTGGGGCCCTGCTCTGTGCTCTGCAAGCCGCTCCAGGG 60
QY 67 AGGCCCCGTGCGCCCTCCCAAGATGACGCTGCTCTCCAGAACTTCAAGCGGTAC 126
Db 61 AGGCCCCGTGCGCCCTCCCAAGATGACGCTGCTCTCCAGAACTTCAAGCGGTAC 120
QY 127 CTGACATGCTCCCAAGGCTTGGCAACCCCAAGATGACATTTTGTGGCC-ATAG 185
Db 121 CTGACATGCTCCCAAGGCTTGGCAACCCCAAGATGACATTTTGTGGCC-ATAG 180
QY 186 AGCTTCCCAACCCGTAGACGATGGCGGCAAGTGAAGATGTCGGGAAACCAAGAGCTG 245
Db 181 AGCTTCCCAACCCGTAGACGATGGCGGCAAGTGAAGATGTCGGGAAACCAAGAGCTG 240
QY 246 CTATGTTCTATGATGCTCTGTAAGAAACAGAGACTGTATCAACAATTCAAGGGACGGCTG 305

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Db 181 AGCTCCACCCGAGACGCTGCGGAGAGTGAAGTGTGCGGAGACCAAGACCTG 240.
Qy 246 CTATGTTCTATGATGTGCTGAGAGAAACAGAACCTGTACAAAGTTCAAGGACCGCTG 305
Db 241 CTATGTTCTATGATGTGCTGAGAGAAACAGAACCTGTACAAAGTTCAAGGACCGCTG 300
Qy 306 CGGACGGTTTCTCCAGCTCCAGTCCCTGCGGAGTGAAGTCCGAAATACCTGAAATTAACCTT 365
Db 301 CGGACGGTTTCTCCAGCTCCAGTCCCTGCGGAGTGAAGTCCGAAATACCTGAAATTAACCTT 360
Qy 366 TTGGAAGTGAAGCCGCGGACCTGTCTGTGTGTCTACCCGAGAGAGAGATCTTGAGT 425
Db 361 TTGGAAGTGAAGCCGCGGACCTGTCTGTGTGTCTACCCGAGAGAGAGATCTTGAGT 420
Qy 426 GGCATATGCCATACCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 485
Db 421 GGCATATGCCATACCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 480
Qy 486 GCATTTGGAAGAGAGGCGGCGGAGAAACAGAACCTATTTCCAGTCACTCCCAATGCGCAG 545
Db 481 GCATTTGGAAGAGAGGCGGCGGAGAAACAGAACCTATTTCCAGTCACTCCCAATGCGCAG 540
Qy 546 CCAATCCAGATCACTCTCCAGCCAGCTGCGAGCGAAACACATGCTCACTGCTGCTGCTGCTGCTG 605
Db 541 CCAATCCAGATCACTCTCCAGCCAGCTGCGAGCGAAACACATGCTCACTGCTGCTGCTGCTGCTG 600
Qy 606 ATCTACAGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 665
Db 601 ATCTACAGCTTCACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 660
Qy 666 GAGCTCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 725
Db 661 GAGCTCCCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 720
Qy 726 GTAAATGCGCGAGGAGGAGTGTATCTGGAAGAACCTTCATATGAGAGAACCTTCGTTTCAAGCGG 785
Db 721 GTAAATGCGCGAGGAGGAGTGTATCTGGAAGAACCTTCATATGAGAGAACCTTCGTTTCAAGCGG 780
Qy 786 GCAAAAGATGCCACGCGGCTGTGAGACTTTTCTGGAACACACACCTGTGAGCAACTTTTCAAG 845
Db 781 GCAAAAGATGCCACGCGGCTGTGAGACTTTTCTGGAACACACACCTGTGAGCAACTTTTCAAG 840
Qy 846 CCCAGAGACAGAGATCCGTGATATGATCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 905
Db 801 -----GAAATGAGCAGAG 813
Qy 906 GGGGTCAAGGCGAGGCTCGAGTCAAGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCT 965
Db 814 GGGGTCAAGGCGAGGCTCGAGTCAAGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCGGCT 873
Qy 966 GACTTTGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1025
Db 874 GACTTTGCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 933
Qy 1026 CAGCCCTCAATTGAACCACTTTCTTCTGCGGCGGCAAGAGACAGAGCTCCAGGCGGCACTG 1085
Db 934 CAGCCCTCAATTGAACCACTTTCTTCTGCGGCGGCAAGAGACAGAGCTCCAGGCGGCACTG 993
Qy 1086 GAGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1145
Db 994 GAGGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1053
Qy 1146 TCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1205
Db 1054 TCTGCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1113
Qy 1206 GCTGGGTCTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1265
Db 1114 GCTGGGTCTCTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT 1173
Qy 1266 CACCAAGAAATCTCTCCACCACTGAAATTTCTCAAGAGACTGTGGGTTTCTGTGAAGAGCTC 1325
Db 1174 CACCAAGAAATCTCTCCACCACTGAAATTTCTCAAGAGACTGTGGGTTTCTGTGAAGAGCTC 1233

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Qy 1326 CCAGAGATTAACCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1385
Db 1234 CCAGAGATTAACCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1293
Qy 1386 GTCCCTGGGAGACCCCGAGTTTCTCTTCAAGACAGTACCTTCTGTGGGAAAGAGCCCT 1445
Db 1294 GTCCCTGGGAGACCCCGAGTTTCTCTTCAAGACAGTACCTTCTGTGGGAAAGAGCCCT 1353
Qy 1446 GAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1505
Db 1394 GAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1413
Qy 1506 GCTGAGAGACCCAGAGAGACCGAGAGACAGGAGCCGAGACATTGGGAGATTATGAGCCAGG 1565
Db 1414 GCTGAGAGACCCAGAGAGACCGAGAGACAGGAGCCGAGACATTGGGAGATTATGAGCCAGG 1473
Qy 1566 TGA 1568
Db 1474 TGA 1476

RESULT 6
US-10-026-106E-9
; Sequence 9, Application US/10026106E
; Publication No. US20030158100A1
; GENERAL INFORMATION:
; APPLICANT: Renault, Jean-Christophe
; APPLICANT: Flekensteiner, Helmut
; APPLICANT: Dumoutier, Laure
; APPLICANT: Hor, Simon
; TITLE OF INVENTION: Isolated Cytokine Receptor Lich-2
; FILE REFERENCE: LUD 5752 NDH
; CURRENT APPLICATION NUMBER: US/10/026.106E
; CURRENT FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 19
; SEQ ID NO 9
; LENGTH: 1469
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
US-10-026-106E-9

Query Match      81.5%; Score 1303; DB 12; Length 1472;
Best Local Similarity 91.6%; Pred. No. 0;
Matches 1468; Conservative 0; Mismatches 0; Indels 135; Gaps 3;

Qy 1 AAGGCTATGGCGGAGGCGGAGGCGTGGGAGCCCTGCTCTGTGCTGCTGCTGCAAGCCGCT 60
Db 1 AAGGCTATGGCGGAGGCGGAGGCGTGGGAGCCCTGCTCTGTGCTGCTGCTGCAAGCCGCT 60
Qy 61 CCAGGAGAGGCGCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 120
Db 61 CCAGGAGAGGCGCGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 120
Qy 121 GTGTAAGTGAATAGGTCTCCAGAGGCTTGGCAACCCCAAGAAATGAACTTATTTGTGGCC 180
Db 121 GTGTAAGTGAATAGGTCTCCAGAGGCTTGGCAACCCCAAGAAATGAACTTATTTGTGGCC 180
Qy 181 -ATCAGAGCTCTCCACCCCGTGAACGATGCGCGAGATGGAAGATGTGCGGAGCAAG 239
Db 181 TATCAGAGCTCTCCACCCCGTGAACGATGCGCGAGATGGAAGATGTGCGGAGCAAG 240
Qy 240 GAGCTGTATGTTCTATGATGTGCTGAGAGAAACAGGACCTGTACAAAGTTCAAGGGA 299
Db 241 GAGCTGTATGTTCTATGATGTGCTGAGAGAAACAGGACCTGTACAAAGTTCAAGGGA 300
Qy 300 CGCGTGTGAGCGGTTTCTCCAGCTTCAAGTCCCTGTGGTGAAGTCCGAATATCTTGAT 359
Db 301 CGCGTGTGAGCGGTTTCTCCAGCTTCAAGTCCCTGTGGTGAAGTCCGAATATCTTGAT 360
Qy 360 TACCTTTTGAAGTGAAGCGGAGCCCACTGTCTGTGTGCTCAACCAAGAGAGAGATC 419

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Db      361 TACCTTTTGAAGTGAAGCGGCGCCACCTGTCCTGATCTACCCAGAGAGATC 420
Qy      420 CTGATGGCAATGCACTACAGCTGCCCCCTGATGCCCCCACTGAACTGAAGTAT 479
Db      421 CTGATGCAATGCAAGTCAAGCTGCCCCCTGATGCCCCCACTGAACTGAAGTAT 480
Qy      480 GAGTGGCAATCTGGAAGAGAGGCGGAAACAAGACCTATTTCTGATCACTCCCAT 539
Db      481 GAGTGGCAATCTGGAAGAGAGGCGGAAACAAGACCTATTTCTGATCACTCCCAT 540
Qy      540 GGGCAGCGAGTCCAGATCACTCCAGCCAGCTGCGACAGAAACAACCTGCTCACTGTC 599
Db      541 GGGCAGCGAGTCCAGATCACTCCAGCCAGCTGCGACAGAAACAACCTGCTCACTGTC 600
Qy      600 AGAACCATCTACAGCTTCACTGTCGGAATAACAGCAAGTCTCTAAGCCCACTGCTTC 659
Db      601 AGAACCATCTACAGCTTCACTGTCGGAATAACAGCAAGTCTCTAAGCCCACTGCTTC 660
Qy      660 TTGCTGAGAGTCCAGAGAGAACTGGGCTTCTCGTGTGCTGCTGCTGCTGATATCG 719
Db      661 TTGCTGAGAGTCCCA----- 719
Qy      720 CTGTAGTAATTGCGCGAGGGGTGTGATCTGGAAGACCTCATGGGAAACCCCTGCTTT 779
Db      676 ----- 675
Qy      780 CAGCGGCAAAAGATGCGAGGCGCTGGACTTTCTGGAACAACAACCTGCTGCAAC 839
Db      676 -----GACCTTTCTGGAACAACAACCTGCTGCAAC 709
Qy      840 TTTCAAGCCCAAGACCAAGTCCGTGAATGATCTTGTCTCTGCTCCCAAAAGAACTG 899
Db      710 TTTCAAGCCCAAGACCAAGTCCGTGAATGATCTTGTCTCTGCTCCCAAAAGAACTG 769
Qy      900 ACCAGAGGGGTCAAGGCGCAAGCTGAGTCAAGGCGGCGCAAGCCCAAGCAAGCAAGT 959
Db      770 ACCAGAGGGGTCAAGGCGCAAGCTGAGTCAAGGCGGCGCAAGCCCAAGCAAGCAAGT 829
Qy      960 AAGAAAGACCTTTCAGAGACCAAGAGAGAGAGATGAGAGACCAAGAGATGCGCTC 1019
Db      830 AAGAAAGACCTTTCAGAGACCAAGAGAGAGATGAGAGACCAAGAGATGCGCTC 889
Qy      1020 AGCTTCCAGGCTCACTTGAACCACTTCTTCTGAGGAGCAAGACCAAGGCTCAGAG 1079
Db      890 AGCTTCCAGGCTCACTTGAACCACTTCTTCTGAGGAGCAAGACCAAGGCTCAGAG 949
Qy      1080 CACTCGAGAGC---TGTGGGTGATCAAGAGAGCGCCAGGCTCTCTGTGCTCCAGC 1136
Db      950 CACTCGAGAGC??TGTGGGTGATCAAGAGAGCGCCAGGCTCTCTGTGCTCCAGC 1009
Qy      1137 GAAGGCTCTCTGCTTGGATCTTCAAGAGAGTGGGCGAGCACTGTGACTCTCC 1196
Db      1010 GAAGGCTCTCTGCTTGGATCTTCAAGAGAGTGGGCGAGCACTGTGACTCTCC 1069
Qy      1197 TGGGCAAGGCTGGGCTCTGAGCTTATTTGGCTGAAGAGGCGCAAGGCGAGGCT 1256
Db      1070 TGGGCAAGGCTGGGCTCTGAGCTTATTTGGCTGAAGAGGCGCAAGGCGAGGCT 1129
Qy      1257 GGGGATGGGACCAAGAAATCTCTCCAGCACTGAAATTTCTCAAGAGCTCGGATTTCTG 1316
Db      1130 GGGGATGGGACCAAGAAATCTCTCCAGCACTGAAATTTCTCAAGAGCTCGGATTTCTG 1189
Qy      1317 GAAGAGCTCCAGAAAGATTAATCTCTCCCTGGGCGCACTGGGCGCACTTACACCGAG 1376
Db      1190 GAAGAGCTCCAGAAAGATTAATCTCTCTCTGGGCGCACTGGGCGCACTTACACCGAG 1249
Qy      1377 CCGAATCTGGTCTCTGGGAGACCCCGAGTTCTTCTTCAAGCACTGACTTCTGCTGGA 1436
Db      1250 CCGAATCTGGTCTCTGGGAGACCCCGAGTTCTTCTTCAAGCACTGACTTCTGCTGGA 1309
Qy      1437 AGCAGCCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1496
Db      1310 AGCAGCCTGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1369

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Qy      1497 AGCTGGGGGCTGAGAGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1556
Db      1370 AGCTGGGGGCTGAGAGACCAAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 1429
Qy      1557 ATGGCCAGGTGAGCTGTCCCGGACATCCGAACTTGATG 1599
Db      1430 ATGGCCAGGTGAGCTGTCCCGGACATCCGAACTTGATG 1472

RESULT 7
US-09-995-898A-28
Sequence 28, Application US/0995898A
Publication No. US20030027253A1
GENERAL INFORMATION:
APPLICANT: Praeli, Scott R.
APPLICANT: Xu, Wenfeng
APPLICANT: No. US20030027253A1ak, Julia E.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Grant, Francis J.
TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
FILE REFERENCE: 00-108
CURRENT FILING DATE: US/09/995, 898A
PRIOR FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: US 60/253,561
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: US 60/267,211.
PRIOR FILING DATE: 2001-02-07
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 28
LENGTH: 1560
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Degenerate Polynucleotide sequence of SEQ ID
OTHER INFORMATION: NO:19
FEATURE:
NAME/KEY: mlec feature
LOCATION: (1)-(1560)
OTHER INFORMATION: n = A,T,C or G
US-09-995-898A-28

Query Match      68.0%; Score 1086.8; DB 11; Length 1560;
Best Local Similarity 57.0%; Pred. No. 2.9e-308;
Matches 888; Conservative 355; Mismatches 315; Indels 1; Gaps 1;

Qy      7 ATGGCGGGGCGGAGAGCGTGGGCGGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 66
Db      1 ATGGCGGCGGCGGAGAGCGTGGGCGGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTG 60
Qy      67 AGGCGGCGTGGGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 126
Db      61 MGNMNCNMGNYTNGCNCNCCNCAAAAGTGAAGCTGCTCTCCAGAACTTCAAGCTGAT 120
Qy      127 CTGACATGAGCTCCAGAGGCTTGGCAACCCAGAGATGACCTATTTGTGGCC-ATCAG 185
Db      121 YTNACNTGTYTNCNMGNTYTNAGAAAYCCNCAAGAYGNACNTATYTTGTGNCNTAYCAR 180
Qy      186 AGCTCTCCACCGCTAGACGCTGGGCGGAGAGAGAGTGTGGGAGAACAGAGAGCTG 245
Db      181 MGNMNCNMGNYTNGCNCNCCNCAAAAGTGAAGCTGCTCTCCAGAACTTCAAGCTGAT 240
Qy      246 CTATGTTCTATGATGCTCTGAGAAACAGAGCTGTAACAAGTTCAAGGAGCGCTG 305
Db      241 YTNATGYNATGATGCTGTYTNAABARCARAYTNTAYAAVARTTYAABGSMNGNTN 300
Qy      306 CGGAGGCTTCTCCAGCTCCAGATCCCGCGGAGTGAAGTCCCAATACCTGATTAACCT 365
Db      301 MGNMNCNMGNYTNGCNCNCCNCAAAAGTGAAGCTGCTCTCCAGAACTTCAAGCTGAT 360
Qy      366 TTGGAAGTGAAGCGGCGGCGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 425

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Qy	486	GCATTTGTGAAGAGAGGGGGCCGGAAACAAGACCCCAATTCCTCATCTCCCATGGGACG	515
Db	481	GCNTTGTGGGGGAGGAGGAGCGGAAACAAABACNTTNTTTCGNTACACACAGAC	510
Qy	546	CCAGTCGCAAGTCACTCTCCAGCCAGCTGCAAGCAACACTGCTCATGTCGCAAGACC	605
Db	541	CCGNTGCAATTAACNTTNCARCCGNCGNCGNSNBARCAYACATGYTTMSNGCMMGAAAC	610
Qy	606	ATCTACAGCTTCAAGTGTCCCGAAATAACAGCAAGTCTCTAAGCCCACTGCTCTGCTG	665
Db	601	ATHTYACNTTMYNSNGTNCNABRTAYMSNAFTTYSNABRCMAACNTGYTTTYNTYN	660
Qy	666	GAGGTCCCAAGAGGAATGGGCTTTCCGAGGTGCGCAACGCTTCGTGTAATGCTGT	725
Db	661	GARGTNCNGARGCMAATYGGGCTTYYTNGTNTTNCMSNTTYNTAHNTYNTYN	720
Qy	726	GTAAATTCGCCAGAGGGGGTGTGATCTGGAAGACCTCAATGGGGAACCCCTGTTCAAGC	785
Db	721	GTNAATHGNCNGAGNGAGNGTNAHTHGAAACNTYNTATGGGNAAYCMTGTGTTCAMG	780
Qy	786	GCAAAAGATCCACGGGCGCTTGACCTTTCTGGAACACACACCCCTGTGGCAACTTTCAG	845
Db	781	GCNAABATGCCMMNGCNTY-----	800
Qy	846	CCGACGACACGAGTCCGTGAATGACTTTCTCTGTCTCCCAAAAGAACTGACAGA	905
Db	801	-----NGAAYTACMKN 813	
Qy	906	GGGGTCAGGCCGACGCTCGATGAGGGCCCAAGCCCAACAGCAAGATGGAAGAAG	965
Db	814	GGNGTMMNCNACNCCMNGTMMNGNCNCCNCAACACACACACMAGTGGAAABAR	873
Qy	966	GACCTTGACAGAGCAAGAGAGAGGATCAGAGAGGACAGAAATGGGTGACGCTC	1022
Db	874	GATYNTGNCNARGAYGARGARBARBARAYABRAGATACAGAGATGAGTMSSTTY	933
Qy	1026	CAGCCCTACATTAACCACTTCTTCTGAGGACAGAGACCAAGGCTTCAGGGCACTCG	1085
Db	934	CARCCNTATATHGARCCNCCMSNTTYTNGACNAGARCAACAGCNCNCGNCAIYMSN	993
Qy	1086	GAGGCTGTGTGGGTGACTCAGGAGGCGCCAGGGCTCTCTGCTCCAAAGCGAAGCTCC	1145
Db	994	GARGCNGAGNGAGTNGATAYMSNGANNGNCCMNGCNCNTYTGTNCMSMSGARAGMSN	1055
Qy	1146	TTGTGTTGGGATTCCTACAGAGAACTGGGCGCAAGACTGTGTAATCTCTCTGGGACAG	1206
Db	1054	MSNGNTTGGGAYMSMSNBAIYMSNTTGGCMMSNACNTGTGAATWSMSNTGGAYMSN	1113
Qy	1206	GCTGTGCTCTCTGCTATTATTTGGCTGAGAGGGGCTCAAGGCCAAGGGCTCGGTGGGAATGG	1265
Db	1114	GCNGMSNMSNNGNTAYTNGCNGAPAAARGNCNCGACAGAGNCNCGAGNGAGAYGN	1173
Qy	1266	CACCAAGATCTCTCCCAACACTTGAATCTCCAAAGACTCGGGTTTCTGGAAGAGCTC	1325
Db	1174	CAYCARGARBSNTTNCNCCNCGARTTYSNAABGAATWSNGTTTYTNGARGARTN	1233
Qy	1326	CCAGAAATTAACCTCTCCCTCGGGCCACTCTGGGGCACTTACACCGGAGCCGAATCTG	1385
Db	1234	CNGARGATATYTTMSNMSNTGGCAACVTGGGNAACNTTNCNCCNCGARCCMAATYTN	1293
Qy	1386	GTCCCTGGGAGACCCCAATTTCTCTTCAAGCACTGACCTTGTGTGGGAAACAGCCT	1445
Db	1294	GTNCCNCGNAGNCNCCNGTMSNTYTACACATYTAACNTTYTGTGGARGMSMNCN	1353
Qy	1446	GAGGAGGAAGAGGCGAGGAAATCAGAAATTTGAGAGCAGGAGATCGGGGCACTGSGGG	1505
Db	1354	GARGARGARGARGARCCMNGARGARMSNGABATTTGARGATWSNGAYCGCNGMSNTGGGN	1413
Qy	1506	GCTAGAGACCCAGAGGACCGAGAGACAGGGCGCCGACATTTGGGCAATTCATGGCCAG	1564
Db	1414	GCNARBSNACNCAARGNACNGABGATMGAGNGMWGACATYTTGAGCAATYTAATGGCNG	1472

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RESULT 9
; US-09-995-898A-32
; Sequence 32, Application US/09995898A
; Publication No. US20030027253A1
GENERAL INFORMATION:
APPLICANT: Parnell, Scott R.
APPLICANT: Xu, Wenteng
APPLICANT: No. US20030027253A1ak, Julia E.
APPLICANT: Whitmore, Theodore E.
APPLICANT: Grant, Francis J.
TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
FILE REFERENCE: 00-108
CURRENT APPLICATION NUMBER: US/09/995.898A
PRIORITY FILING DATE: 2001-11-28
PRIOR APPLICATION NUMBER: US 60/253,561
PRIOR FILING DATE: 2000-11-28
PRIOR APPLICATION NUMBER: US 60/267,211
PRIOR FILING DATE: 2001-02-07
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 32
LENGTH: 1922
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: MBP-human zcytor19 fusion protein polynucleotide
OTHER INFORMATION: sequence
FEATURE:
NAME/KEY: CDS
LOCATION: (123)...(1922)
US-09-995-898A-32

Query Match      38.1%; Score 609.4; DB 11; Length 1922;
Best Local Similarity 97.4%; Pred. No. 2,7e+168;
Matches 630; Conservative 0; Mismatches 16; Indels 1; Gaps 1,

QY    46 CTCTGTCAGGGCCGCTCCAGAGAGGCCCGGTCTGGCCCCCTCCCAAGAAATGTGACGCTGCTC 105
DB    1266 CGCGTGCTTCGCGGTGAGATCCAGAGCCCCGCTGCGCCCCCAAGAAATGTGACGCTGCTC 1326

QY    106 TCCCAAGACTTTGAGCGGTGAACCTGACATGTGCTCCAGAGGCTTGGCAACCCCAGAGATGG 165
DB    1326 TCCCAAGACTTTGAGCGGTGAACCTGACATGTGCTCCAGAGGCTTGGCAACCCCAGAGATGG 1386

QY    166 ACCTATTATTGTGGCC-ATCGAAGCTCTCCCAACCTGTGACGAGTGCAGAGATGAGAG 224
DB    1386 ACCTATTATTGTGGCCCTTAACAGAGCTCTCCCAACCTGTGACGAGTGCAGAGATGAGAG 1445

QY    225 TGTCGCGGAGAACAGAGAGAGCTGTAATGTTCTCATATGATATGTCCTGAGAAGAAACAGACCTGTAC 284
DB    1446 TGTCGCGGAGAACAGAGAGAGCTGTAATGTTCTCATATGATATGTCCTGAGAAGAAACAGACCTGTAC 1505

QY    285 AACAGATTACAAGGAGACGCGTGCAGAGCGGTTTCTCCCACTCCAAGTCCCTCTGGGTGAG 344
DB    1506 AACAGATTACAAGGAGACGCGTGCAGAGCGGTTTCTCCCACTCCAAGTCCCTCTGGGTGAG 1565

QY    345 TCAGAAATCCTGGAATTAACCTTTTGAATGTGAGACCGGACCACCTGTGCTGTGCTCAC 404
DB    1566 TCAGAAATCCTGGAATTAACCTTTTGAATGTGAGACCGGACCACCTGTGCTGTGCTCAC 1625

QY    405 CAGACGAGAGAGATCTCTAGGTGCCAATGCAAGTACAGAGCTGCCCCCTGCAATGCCCA 464
DB    1626 CAGACGAGAGAGATCTCTAGGTGCCAATGCAAGTACAGAGCTGCCCCCTGCAATGCCCA 1685

QY    465 CTGGAATCTAATAATGAGAGTGGCAATCTTGAGAAAGAGGGGGCCGGAACAAGACCTAATT 524
DB    1686 CTGGAATCTAATAATGAGAGTGGCAATCTTGAGAAAGAGGGGGCCGGAACAAGACCTAATT 1745

QY    525 CCAAGTACTTCCCATGAGGCAAGCCAGTCCAGATCACTCTCCAGCGAGCTGCGCAAGCAAC 584
DB    1746 CCAAGTACTTCCCATGAGGCAAGCCAGTCCAGATCACTCTCCAGCGAGCTGCGCAAGCAAC 1805

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Page 11

OY 366 TTGGAAGTGAACCCGGCCCCACCGTCCCTGGTGGCTACCCAGACGAGAGAGATCCGTAGT 432
 Db 361 TTGGAAGTGAACCCGGCCCCACCGTCCCTGGTGGCTACCCAGACGAGAGAGATCCGTAGT 432
 OY 426 GCCAATGCCAGTACAGCTGCCCCCTCGATGCCGCCCTCATGTGATCTGAAGTTGAAGTG 488
 Db 421 GCCAATGCCAGTACAGCTGCCCCCTCGATGCCGCCCTCATGTGATCTGAAGTTGAAGTG 488
 OY 486 GCATTCTGGAAGAGAGGGGCGCGAACAAG 515
 Db 481 GCATTCTGGAAGAGAGGGGCGCGAACAAG 510

RESULT 12
US-10-127-816-28
; Sequence 28, Application US/10127816
; Publication No. US20030104416A1
; GENERAL INFORMATION:

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? APPLICANT: Sheppard, Paul O.
? APPLICANT: Fox, Brian A.
? APPLICANT: Klucher, Kevin M.
? APPLICANT: Taft, David W.
? APPLICANT: Kindsvogel, Wayne R.
? TITLE OF INVENTION: CYTOKINE PROTEIN FAMILY
? FILE REFERENCE: 01-17
? CURRENT APPLICATION NUMBER: US/10/127,816
? CURRENT FILING DATE: 2002-04-19
? PRIOR APPLICATION NUMBER: US 60/285,408
? PRIOR FILING DATE: 2001-04-20
? PRIOR APPLICATION NUMBER: US 60/286,482
? PRIOR FILING DATE: 2001-04-25
? PRIOR APPLICATION NUMBER: US 60/341,050
? PRIOR FILING DATE: 2001-10-22
? PRIOR APPLICATION NUMBER: US 60/341,105
? PRIOR FILING DATE: 2001-10-22
? PRIOR APPLICATION NUMBER: US 09/895,834
? PRIOR FILING DATE: 2001-06-29
? PRIOR APPLICATION NUMBER: US 60/285,424
? PRIOR FILING DATE: 2001-04-20
? NUMBER OF SEQ ID NOS: 59
? SOFTWARE: FastSeq for Windows Version 4.0
? SEQ ID NO 28
? LENGTH: 674
? TYPE: DNA
? ORGANISM: Homo sapiens
? FEATURE:
? NAME/KEY: CDS
? LOCATION: (1)...(633)
US-10-127-816-28
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Query Match	31.1%	Score 498	DB 14	Length 674
Best Local Similarity	99.8%	Pred. 9.1e-136		
Matches 509	Conservative 0	Mismatches 0	Indels 1	Gaps 1
QY	7	ATGGCGGGGCGCCAGACGCTGGGGGCCCCCTGCTCTCTGCTGCTCTGCTCAGCGCGCTCCAGGG	66	
Db	1	ATGGCGGGGCGCCAGACGCTGGGGGCCCCCTGCTCTCTGCTGCTCTCAGCGCGCTCCAGGG	60	
QY	67	AGGCGCCGCTGCGCCCTCCCGAATGTACGTCTCTCCGCAATACTTCAGCGGTAC	126	
Db	61	AGGCGCCGCTGCGCCCTCCCGAATGTACCTCTCTCCGCAATTACGCGGTAC	120	
QY	127	CTGACATGAGCTCCGAGAGCTTGGCAACCCCGAATGTACCTATTTTGGCC-ATCAG	185	
Db	121	CTGACATGAGCTCCGAGAGCTTGGCAACCCCGAATGTACCTATTTTGGCGCTTACAG	180	
QY	186	AGCTCTCCACCCGTTAGACGTGGCGGGAATGTAGAGATGTGCGGAAACCAAGAGCTG	245	
Db	181	AGCTCTCCACCCGTTAGACGTGGCGGGAATGTAGAGATGTGCGGAAACCAAGAGCTG	240	
QY	246	CTATGTTCTATGATGTGCTGTAAGAAACAGGACCTGTACCAAACTTCAAGGAGCGCGT	305	
Db	241	CTATGTTCTATGATGTGCTGTAAGAAACAGGACCTGTACCAAACTTCAAGGAGCGCGT	300	

Oy	CGAGCGGTTTCTCCCACTCAAGTCCCTCGGGTGAAGTCCGAATACCTGGATTACTT	366
Db	CGAGCGGTTTCTCCCACTCAAGTCCCTCGGGTGAAGTCCGAATACCTGGATTACTT	301
Oy	TTTGAAGTGAAGCCGGCCCACTGTCTGTGTGTCAACGAGCGAGGAGATCCTGAGT	366
Db	TTTGAAGTGAAGCCGGCCCACTGTCTGTGTGTCAACGAGGAGATCCTGAGT	361
Oy	GGCAATGCCACGATACAGCTGCGCCCTCTGCATGCCCCCACTGGATTTGAAGTATGAGTG	426
Db	GGCAATGCCACGATACAGCTGCGCCCTCTGCATGCCCCCACTGGATTTGAAGTATGAGTG	421
Oy	GCAATTCGAGAGAGGGGAGCCGGAACAAG	515
Db	GCAATTCGAGAGAGGGGAGCCGGAACAAG	481

RESULT 13
US-09-949-192-1
; Sequence 1, Application US/09949192
; Patent No. US20020142292A1
; General Information:

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? APPLICANT: Parham, Christie L.
? APPLICANT: Gorman, Daniel L.
? APPLICANT: Kurata, Hirokazu
? APPLICANT: Arai, Naoko
? APPLICANT: Sana, Theodore R.
? APPLICANT: Mattson, Jeanine D.
? APPLICANT: Murphy, Erin E.
? APPLICANT: Savkoor, Chetan
? APPLICANT: Stein, Jeffrey
? APPLICANT: Smith, Kathleen M.
? APPLICANT: McCleanahan, Terrill K.
? FILE REFERENCE: DX01169K
? CURRENT APPLICATION NUMBER: US/09/949,192
? CURRENT FILING DATE: 2001-09-07
? PRIOR APPLICATION NUMBER: 60/231,267
? PRIOR FILING DATE: 2000-09-08
? NUMBER OF SEQ ID NOS: 53
? SOFTWARE: PatentIn version 3.1
? SEQ ID NO 1
? LENGTH: 704
? TYPE: DNA
? ORGANISM: Homo sapiens
? US-09-949-192-1

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Query Match	31.1%	Score 498	DB 10	Length 704
Best Local Similarity	99.8%	Pred. No. 9.3e-136		
Matches	509	Conservative 0	Mismatches 0	Indels 1
QY	7	ATGCGGAGGCGGAGAGCGTGGGGGCCCTGCTCTGTGTCTGTGACGAGCGCTCCAGAG	66	
Db	1	ATGCGGGGGGCGGAGACGCTGTGGGGGCCCTGCTCTGTGTCTGTGACGAGCGCTCCAGAG	60	
QY	67	AGGCGCCGCTGTGAGCCCTCTCCGAGATGTGTAGCGCTGTCTCCGAGAACTTCAGCGTATC	126	
Db	61	AGGCGCCGCTGTGAGCCCTCTCCGAGATGTGTAGCGCTGTCTCCGAGAACTTCAGCGTATC	120	
QY	127	CTGACATGTGCTCTCCAGAGGCTTGTGACACCCCGACAGATGTGTACTTATTTTGTGTGCC-ATCAG	185	
Db	121	CTGACATGTGCTCTCCAGAGGCTTGTGACACCCCGACAGATGTGTACTTATTTTGTGTGCTATCAG	180	
QY	186	AGCTCTCCACCCGTGAGACGATGAGCGGCGAGATGTGTAGAGATGTGTGCGGGAACCAAGAGCTG	245	
Db	181	AGCTCTCCACCCGTGAGACGATGAGCGGCGCGAATGTGTAGAGATGTGTGCGGGAACCAAGAGCTG	240	
QY	246	CTATGTTCATATATGTGCTGTGAGAGAAACAGACCTGTGTCAACAGTTCAGAGGACGCGTG	305	
Db	241	CTATGTTCATATATGTGCTGTGAGAGAAACAGACCTGTGTCAACAGAGTTCAGAGGACGCGTG	300	
QY	306	CGAGCGGTTTCTCCGAGCTCAAGTCCCCCTGTGGGTGAGTCCGAACTACTGTGATTAACCTT	365	

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Db 301 CGAGCGGTTCTCCAGCTCCAGTCCCTGGGATGAGATCCGATTACTGATTAACCTT 360
Qy 366 TTGAAGTGAAGCCGCGCCACCTGCTCTGATGCTCAACGAGAGAGATCTGAGT 425
Db 361 TTGAAGTGAAGCCGCGCCACCTGCTCTGATGCTCAACGAGAGAGATCTGAGT 420
Qy 426 GCCAATGCCAGTACAGAGTGGCCCTGCTGATGCTGATGCTGATGCTGATGCTG 485
Db 421 GCCAATGCCAGTACAGAGTGGCCCTGCTGATGCTGATGCTGATGCTGATGCTG 480
Qy 486 GCATTCTGAGAGAGGGGGCCGGAACAG 515
Db 481 GCATTCTGAGAGAGGGGGCCGGAACAG 510
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RESULT 14
US-09-995-898A-29
/ Sequence 29, Application US/09995898A
/ Publication No. US2003027253A1
/ GENERAL INFORMATION:
/ APPLICANT: Preenell, Scott R.
/ APPLICANT: Xu, Wenfeng
/ APPLICANT: No. US2003027253A1ak, Julia B.
/ APPLICANT: Whitmore, Theodore E.
/ APPLICANT: Grant, Francis J.
/ TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR19
/ FILE REFERENCE: 00-108
/ CURRENT APPLICATION NUMBER: US/09/995, 898A
/ PRIOR FILING DATE: 2001-11-28
/ PRIOR APPLICATION NUMBER: US 60/253,561
/ PRIOR FILING DATE: 2000-11-28
/ PRIOR APPLICATION NUMBER: US 60/267,211
/ NUMBER OF SEQ ID NOS: 50
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 29
/ LENGTH: 633
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Degenerate polynucleotide sequence of SEQ ID NO:21
/ NAME/KEY: misc_feature
/ LOCATION: (1)...(633)
/ OTHER INFORMATION: n = A,T,C or G
US-09-995-898A-29
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Query Match 22.0%; Score 351.2; DB 11; Length 633;
Best Local Similarity 55.6%; Pred. No. 9.7e-93;
Matches 299; Conservative 117; Mismatches 121; Indels 1; Gaps 1;

Qy 7 ATGCGCGGCGCCGAGCGCTGGGCGCCCTGCTCTGCTGCTGCTGAGCGCGCTCCAGG 66
Db 1 ATGCGCGGCGCCGAGCGCTGGGCGCCCTGCTCTGCTGCTGCTGAGCGCGCTCCAGG 60
Qy 67 AGGCGCGGCTGGCGCCCTCCCGAGATGAGCGCTGCTCCCGAGACTTCAGCGGTAC 126
Db 61 MGNCCNNGNTYNGCNCNCNCAARAAGTNACTNTNTTNSCARAAATTTYSNNTAY 120
Qy 127 CTGACATGAGGCTCCGAGGCGTGGCAACCCGAGATGAGCTAATTTGTCGCC-ATGAG 185
Db 121 YTNACNTGTYNCCNGANTTNSGAAATCCNCAKAGTNACTAATTTGTCGCTAYCAR 180
Qy 186 AGCTCTCCCAACCGTACAGGTGGCGGCAAGTGAAGAGTGTGCGGAAACAGAGAGCTG 245
Db 181 WSNNSNCNACNMGNNMGNTGNGAGARGTGAGARAGTGCNCGNACNARARATYN 240
Qy 246 CTATGTTCTATGATGCTCTGAAGAAAGAGAGCTGTACAAAGTTCAAGGAGCGCTG 305
Db 241 YTNAGYSNATGATGTYTNAABAARCARAGATTTNAAVAATTTAAAGGAGNGTN 300
Cv 306 CGAGCGGTTCTCCAGCTCCAGTCCCTGGGATGAGATCCGATTACTGATTAACCTT 365
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Db 301 MGNCCNNGNTYNGCNCNCNCAARAAGTNACTNTTNSCARAAATTTYSNNTAY 360
Qy 366 TTGAAGTGAAGCCGCGCCACCTGCTCTGATGCTCAACGAGAGAGATCTGAGT 425
Db 361 TTGAAGTGAAGCCGCGCCACCTGCTCTGATGCTCAACGAGAGAGATCTGAGT 420
Qy 426 GCCAATGCCAGTACAGAGTGGCCCTGCTGATGCTGATGCTGATGCTGATGCTG 485
Db 421 GCCAATGCCAGTACAGAGTGGCCCTGCTGATGCTGATGCTGATGCTGATGCTG 480
Qy 486 GCATTCTGAGAGAGGGGGCCGGAACAGCCTAATTTCCAGTCACTCCCGAGGCC 543
Db 481 GCATTCTGAGAGAGGGGGCCGGAACAGCCTAATTTCCAGTCACTCCCGAGGCC 538
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RESULT 15
US-10-106-698-3664/C
/ Sequence 3664, Application US/10106698
/ Publication No. US20030109690A1
/ GENERAL INFORMATION:
/ APPLICANT: Ruben et al.
/ TITLE OF INVENTION: Colon and Colon Cancer Associated Polynucleotides and Polypeptides
/ FILE REFERENCE: PA005B1
/ CURRENT APPLICATION NUMBER: US/10/106,698
/ PRIOR FILING DATE: 2002-03-27
/ PRIOR APPLICATION NUMBER: PCT/US00/26524
/ PRIOR FILING DATE: 2000-09-28
/ PRIOR APPLICATION NUMBER: US 60/157,137
/ PRIOR FILING DATE: 1999-09-29
/ PRIOR APPLICATION NUMBER: US 60/163,280
/ PRIOR FILING DATE: 1999-11-03
/ NUMBER OF SEQ ID NOS: 8564
/ SOFTWARE: PatentIn Ver. 3.0
/ SEQ ID NO 3664
/ LENGTH: 634
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: misc_feature
/ LOCATION: (135)..(135)
/ OTHER INFORMATION: n equals a,c,g, or c
/ NAME/KEY: misc_feature
/ LOCATION: (211)..(211)
/ OTHER INFORMATION: n equals a,c,g, or c
/ NAME/KEY: misc_feature
/ LOCATION: (304)..(304)
/ OTHER INFORMATION: n equals a,c,g, or c
/ NAME/KEY: misc_feature
/ LOCATION: (353)..(353)
/ OTHER INFORMATION: n equals a,c,g, or c
/ NAME/KEY: misc_feature
/ LOCATION: (534)..(534)
/ OTHER INFORMATION: n equals a,c,g, or c
/ NAME/KEY: misc_feature
/ LOCATION: (539)..(539)
/ OTHER INFORMATION: n equals a,c,g, or c
/ NAME/KEY: misc_feature
/ LOCATION: (578)..(578)
/ OTHER INFORMATION: n equals a,c,g, or c
/ NAME/KEY: misc_feature
/ LOCATION: (581)..(581)
/ OTHER INFORMATION: n equals a,c,g, or c
/ NAME/KEY: misc_feature
/ LOCATION: (592)..(592)
/ OTHER INFORMATION: n equals a,c,g, or c
/ NAME/KEY: misc_feature
/ LOCATION: (618)..(618)
/ OTHER INFORMATION: n equals a,c,g, or c
US-10-106-698-3664
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Query Match 8.0%; Score 128; DB 14; Length 634;
Best Local Similarity 73.9%; Pred. No. 2.6e-27;
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	Matches	161,	Conservative	0,	Mismatches	57,	Indels	0,	Gaps	0,
Oy	1312									1371
Db	509									450
Oy	1372									1431
Db	449									390
Oy	1432									1491
Db	389									330
Oy	1492									1529
Db	329									292

Search completed: September 18, 2003, 00:22:32
 Job time : 289.728 secs